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		APPLICANT: Ya Fang Liu	
Sheet	1	of 3	GROUP ART UNIT: 1651 EXAMINER: Jon P. Weber

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
84	BW*	4,980,281		Gerard M. Housey	12-25-1990
84	BX*	5,385,915		Joseph D. Buxbaum et al.	01-31-1995
84	BY*	5,461,146		Michael E. Lewis et al.	10-24-1995
84	BZ*	5,468,872		Marcie A. Glicksman et al.	11-21-1995
84	CA*	5,475,110		Robert L. Hudkins et al.	12-12-1995
84	CB*	5,516,772		Marcie A. Glicksman et al.	05-14-1996
84	CC*	5,534,426		Michael Karin et al.	07-09-1996
84	CD*	5,554,523		Usharani Reddy et al.	09-10-1996
84	CE*	5,591,855		Robert L. Hudkins et al.	01-07-1997
84	CF*	5,593,884		Michael Karin et al.	01-14-1997
84	CG*	5,594,009		Robert L. Hudkins et al.	01-14-1997
84	CH*	5,605,808		Michael Karin et al.	02-25-1997
84	CI*	5,676,945		Usharani Reddy et al.	10-14-1997
84	CJ*	5,705,511		Robert L. Hudkins et al.	01-06-1998
84	CK*	5,750,555		Uwe Trostmann et al.	05-12-1998
84	CL*	5,756,494		Michael E. Lewis et al.	05-26-1998
84	CM*	6,127,401		Jasbir Singh et al.	10-03-2000
84	CN*	6,159,948		George S. Robertson et al.	12-12-2000
84	CO*	6,514,745	B1	Michael Karin et al.	02-04-2003
84					

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
84	CP*	CA	2,148,898		The General Hospital Corporation et al.	05-08-1995	
84	CQ*	WO	93/15201		New England Deaconess Hospital	08-05-1993	
84	CR*	WO	94/17498		Enco-Tone Ltd.	08-04-1994	
84	CS*	WO	95/03324		The Regents of the University of California	02-02-1995	
84	CT*	WO	95/23849		The Children's Hospital of Philadelphia	09-08-1995	
84	CU*	WO	99/58982		Ya Fang Liu	11-18-1999	
84	CV*	WO	00/13015		Cephalon, Inc.	03-09-2000	
84	CW*	WO	00/47583		Cephalon, Inc.	08-17-2000	
84	CX*	WO	02/14536		Cephalon, Inc.	02-21-2002	

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
DU	CY*	Angeles, T. et al., Enzyme-linked Immunosorbent Assay for trkA Tyrosine Kinase Activity. <i>Analytical Biochemistry</i> , 236: 49-55, 1996.	
84	CZ*	Bergeron et al., Inhibition of Cell Growth by Overexpression of the ZPK Gene. <i>Biochemical and Biophysical Research Communications</i> , 231:153-155, 1997.	
84	DA*	Blouin et al., Cell-Specific Expression of the ZPK Gene in Adult Mouse Tissues. <i>DNA and Cell Biology</i> , 15: 631-642, 1996.	
	DB*	Davis, R.J., Human JNK3 Alpha 2 Protein Kinase (JNK3A2) mRNA. GenBank Accession No. U34819, July 25, 1996.	
84	DC*	Davis, R.J., Human JNK3 Alpha 2 Protein Kinase (JNK3A2) mRNA. GenBank Accession No. U34820, July 25, 1996.	
84	DD*	DeAizpuru et al., Expression of Mixed Lineage Kinase-1 in Pancreatic β -Cell Lines at Different Stages of Maturation and During Embryonic Pancreas Development. <i>The Journal of Biological Chemistry</i> , 272:16364-16373, 1997.	
84	DE*	Diener et al., Activation of the c-Jun N-terminal kinase pathway by a novel protein kinase related to human germinal center kinase. <i>Proc. Natl. Acad. Sci. USA</i> , 94: 9687-9692, 1997.	
84	DF*	Dorow et al., Identification of a new family of human epithelial protein kinases containing two leucine/iso-leucine-zipper domains. <i>Eur. J. Biochem</i> , 213:701-710, 1993.	
84	DG*	Ezoe et al., PTK1, a novel protein kinase required for proliferation of human melanocytes. <i>Oncogene</i> , 9:935-938, 1994.	
84	DH*	Fan et al., Dual Leucine Zipper-bearing Kinase (DLK) Activates p46SAPK and p38mapk but not ERK2. <i>Journal of Biological Chemistry</i> , 271:24788-24793, 1996.	
DU	DI*	Fanger, G.R. et al., MEKKs, GCKs, MLKs, PAKs, TAKs, and tpls: Upstream Regulators of the c-Jun Amino-Terminal Kinases? <i>Current Opinion in Genetics and Development</i> , 7:67-74, 1997.	
84	DJ*	Glicksman et al., CEP-1347/KT7515 Prevents Motor Neuronal Programmed Cell Death and Injury-Induced Dediifferentiation In Vivo. <i>Journal of Neurobiology</i> , 34: 361-370, 1998.	
DU	DK*	Glicksman et al., K-252a and Staurosporine promote Choline Acetyltransferase Activity in Rat Spinal Cord Cultures. <i>Journal of Neurochemistry</i> , 61:210-221, 1993.	
84	DL*	Hambleton et al., Activation of c-Jun N-terminal kinase in bacterial lipopolysaccharide-stimulated macrophages. <i>Proc. Natl. Acad. Sci. USA</i> , 93: 2774-2778, 1996.	
84	DM*	Hirai et al., Activation of the JNK pathway by distantly related protein kinases, MEKK and MUK. <i>Oncogene</i> , 12: 641-650, 1996.	
84	DN*	Holzman et al., Identification, Molecular Cloning, and Characterization of Dual Leucine Zipper Bearing Kinase. <i>Journal of Biological Chemistry</i> , 269: 30808-30817, 1994.	
84	DO*	Hu et al., Human HPK1, a novel human hematopoietic progenitor kinase that activates the JNK/SAPK kinase cascade. <i>Genes and Development</i> , 10: 2251-2264, 1996.	
84	DP*	Ing et al., MLK-3: identification of a widely-expressed protein kinase bearing an SH3 domain and a leucine zipper-basic region domain. <i>Oncogene</i> , 9:1745-1750, 1994.	
84	DQ*	Kaneko et al., Neurotrophic 3, 9-bis (alkylthio)methyl - and - bis(alkoxymethyl) -K- 252a Derivatives. <i>J. Med. Chem.</i> 40: 1863-1869, 1997.	
84	DR*	Katoh et al., Cloning and Characterization of MST, a novel (putative) serine/threonine kinase with SH3 domain. <i>Oncogene</i> , 10: 1447-1451, 1995.	
84	DS*	Kiefer et al., HPK1, a hematopoietic protein kinase activating the SAPK/JNK pathway. <i>EMBO Journal</i> , 15: 7013-7025, 1996.	
84	DT*	Knight, E. et al., A Radioactive Binding Assay for Inhibitors of trkA Kinase. <i>Analytical Biochemistry</i> , 247: 376-381, 1997.	
84	DU	Leppa et al., Differential regulation of c-Jun by ERK and JNK during PC12 cell differentiation. <i>The EMBO Journal</i> , 17(15): 4404-4413, 1998.	
84	DV	Leppa et al., Diverse functions of JNK signaling and c-Jun in stress response and apoptosis. <i>Oncogene</i> , 18:6158-6162, 1999.	
84	DW*	Maroney et al., Motoneuron Apoptosis is blocked by CEP-1347 (KT 7515), a Novel Inhibitor of the JNK Signaling Pathway. <i>Journal of Neuroscience</i> . 18(1): 104-111, 1998.	
DU	DX*	Mata et al., Characterization of Dual Leucine Zipper-bearing Kinase, a Mixed Lineage Kinase Present in Synaptic Terminals whose Phosphorylation State is Regulated by Membrane Depolarization via Calcineurin. <i>Journal of Biological Chemistry</i> , 271: 16888-16896, 1996.	

84	DY*	Nagata et al., The MAP kinase kinase kinase MLK2 co-localizes with activated JNK along microtubules and associates with kinesin superfamily motor KIF3. EMBO Journal, 17: 149-158, 1998.	
84	DZ*	Park et al., Ordering the Cell Death Pathway. J. Biol. Chem. 271(36): 21896-21905, 1996.	
84	EA*	Phelps et al., Generation Patterns of Four Groups of Cholinergic Neurons in Rat Cervical Spinal Cord: A Combined Tritiated Thymidine Autoradiographic and Choline Acetyltransferase Immunocytochemical Study. Journal of Comparative Neurology, 273: 459-472, 1998.	
84	EB*	Pombo et al., Activation of the SAPK pathway by the human STE20 homologue germinal centre kinase. Nature, 377: 750-754, 1995.	
84	EC*	Qin et al., Nuclear Factor- κ B Contributes to Excitotoxin-Induced Apoptosis in Rat Striatum. Molecular Pharmacology, 53: 33-42, 1998.	
86	ED*	Reddy et al., Cloning of a Novel Putative Protein Kinase Having a Leucine Zipper Domain From Human Brain. Biochemical and Biophysical Research Communication, 202: 613-620, 1994.	
86	EE*	Sakuma et al., Molecular Cloning and Functional Expression of a cDNA Encoding a New Member of Mixed Lineage Protein Kinase from Human Brain. Journal of Biological Chemistry, 272: 28622-28629, 1997.	
86	EF*	Sells et al., Emerging from the Pak: the p21-activated protein kinase family. Trends in Cell Biology, 7: 162-167, 1997.	
86	EG*	Smith et al., Trophic Effects of Skeletal Muscle Extracts on Ventral Spinal Cord Neurons in Vitro: Separation of a Protein with Morphologic Activity from Proteins with Cholinergic Activity. Journal of Cell Biology, 101: 1608-1621, 1995.	
86	EH*	Su et al., NIK is a new Ste20-related kinase that binds NCK and MEKK1 and activates the SAPK/JNK cascade via a conserved regulatory domain. The EMBO Journal, 16: 1279-1290, 1997.	
86	EI*	Tung et al., A novel human SPS1/STE20 homologue, KHS, activates Jun N-terminal kinase. Oncogene, 14:653-659, 1997.	

EXAMINER	DATE CONSIDERED
<i>S. Borch</i>	2/3/03

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/156,367, filed September 17, 1998, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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